

Fig. 1(a)

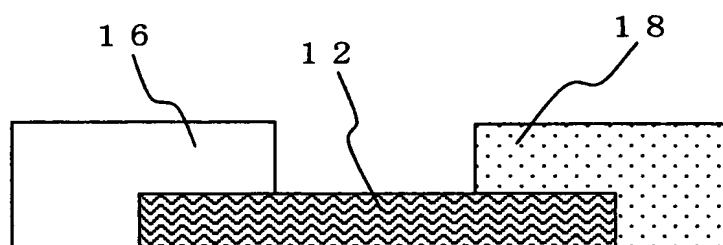


Fig. 1(b)

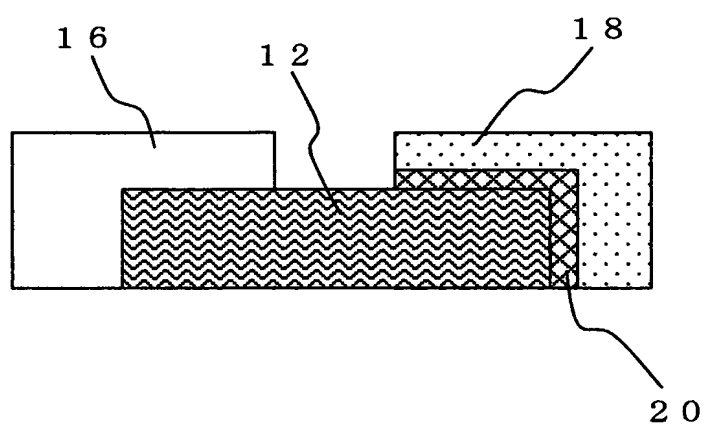


Fig. 1(c)

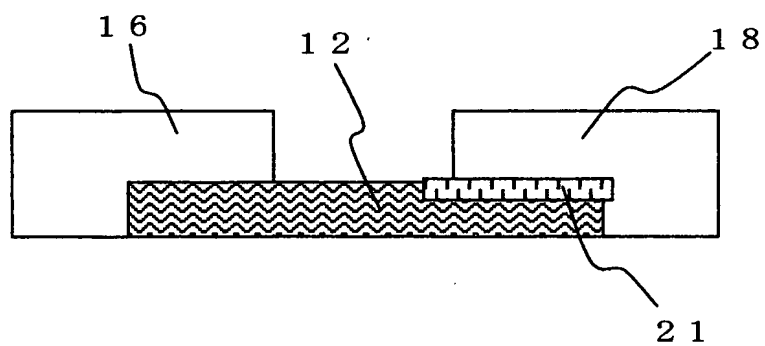


Fig. 2(a)

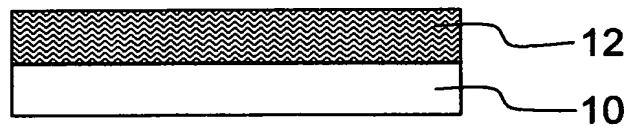


Fig. 2(b)

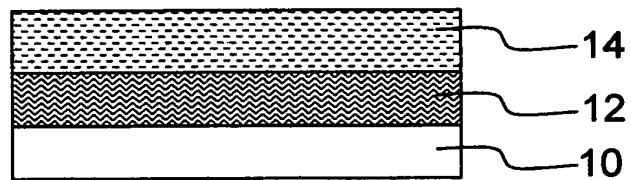


Fig. 2(c)

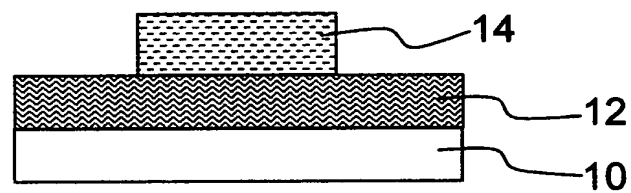


Fig. 2(d)

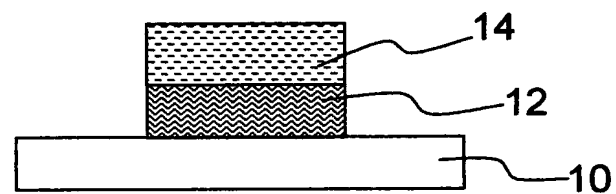


Fig. 2(e)

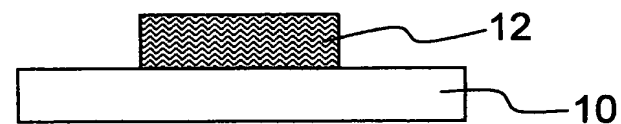
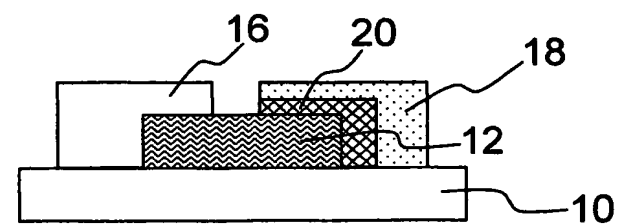
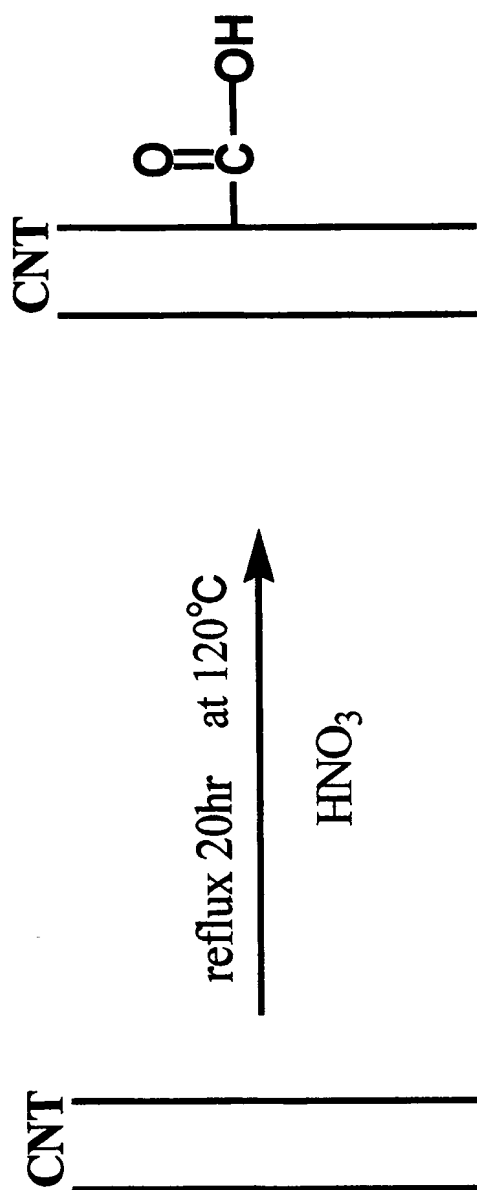


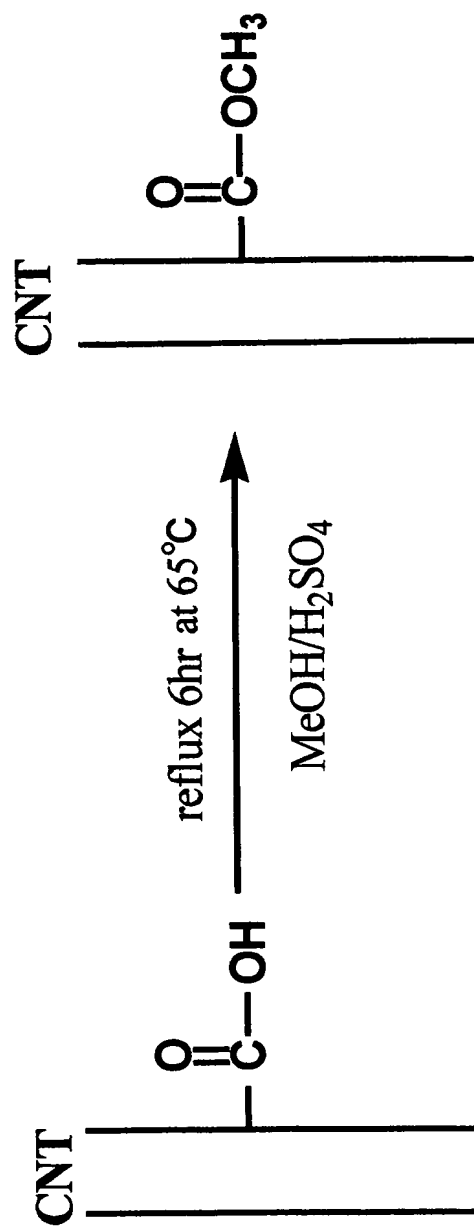
Fig. 2(f)





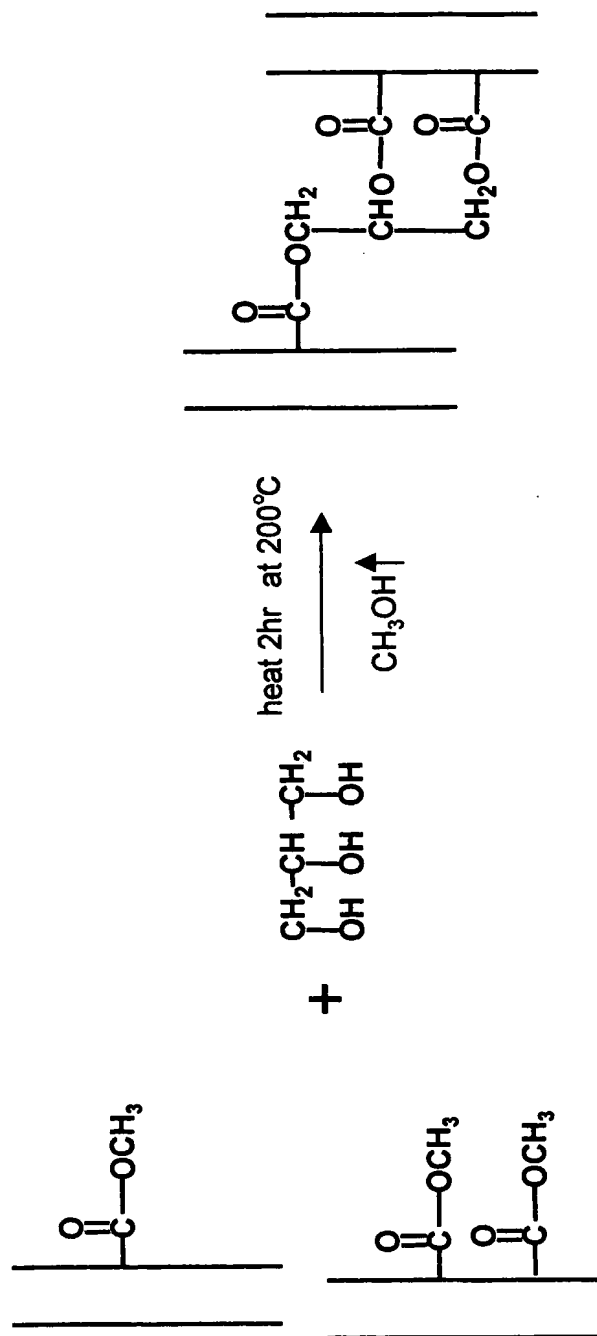
REACTION SCHEME FOR INTRODUCING CARBOXYL GROUP INTO CARBON NANOTUBE

Fig 3



REACTION SCHEME FOR METHYL ESTERIFICATION OF CARBON NANOTUBE CARBOXYLIC ACID

Fig 4



SCHEME FOR POLYMERIZATION REACTION BETWEEN  
CARBON NANOTUBE CARBOXYLIC ACID METHYL ESTER AND GLYCERIN THROUGH ESTER EXCHANGE

Fig 5

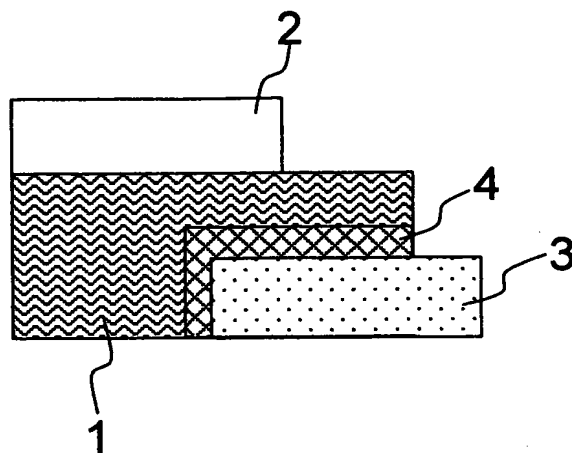


Fig. 6

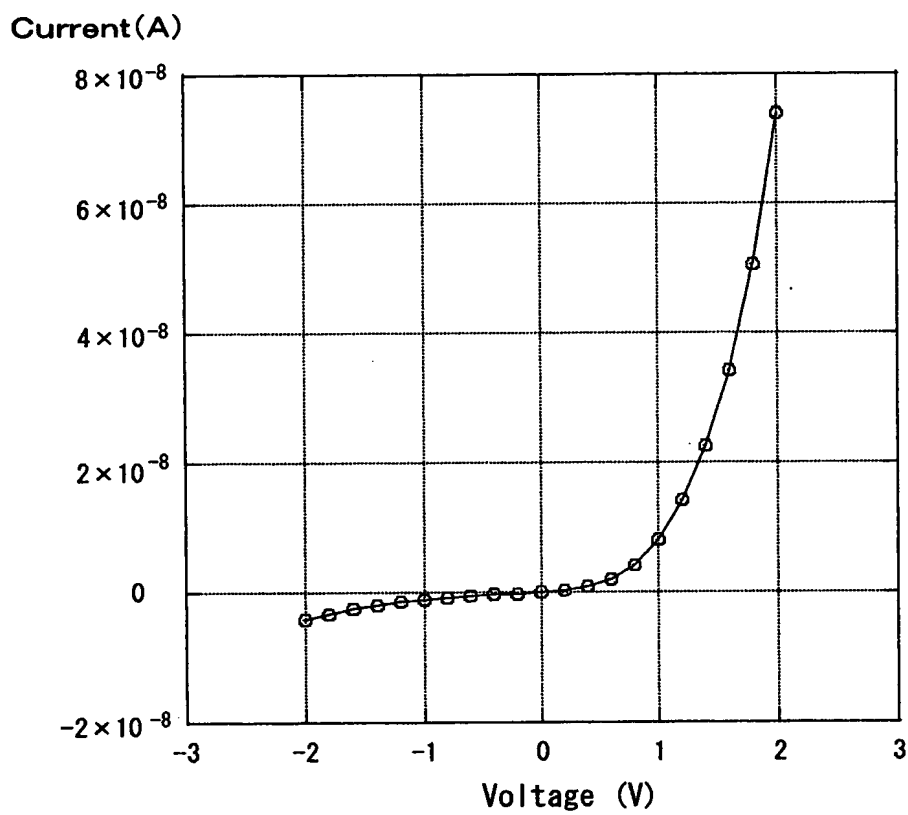


Fig. 7

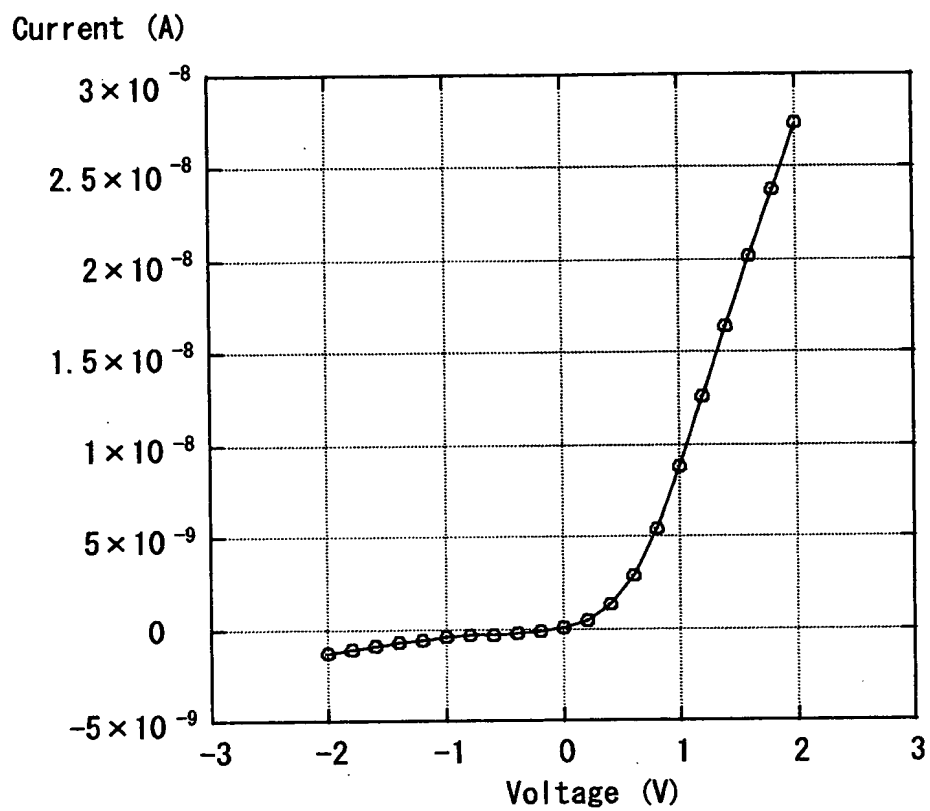


Fig. 8

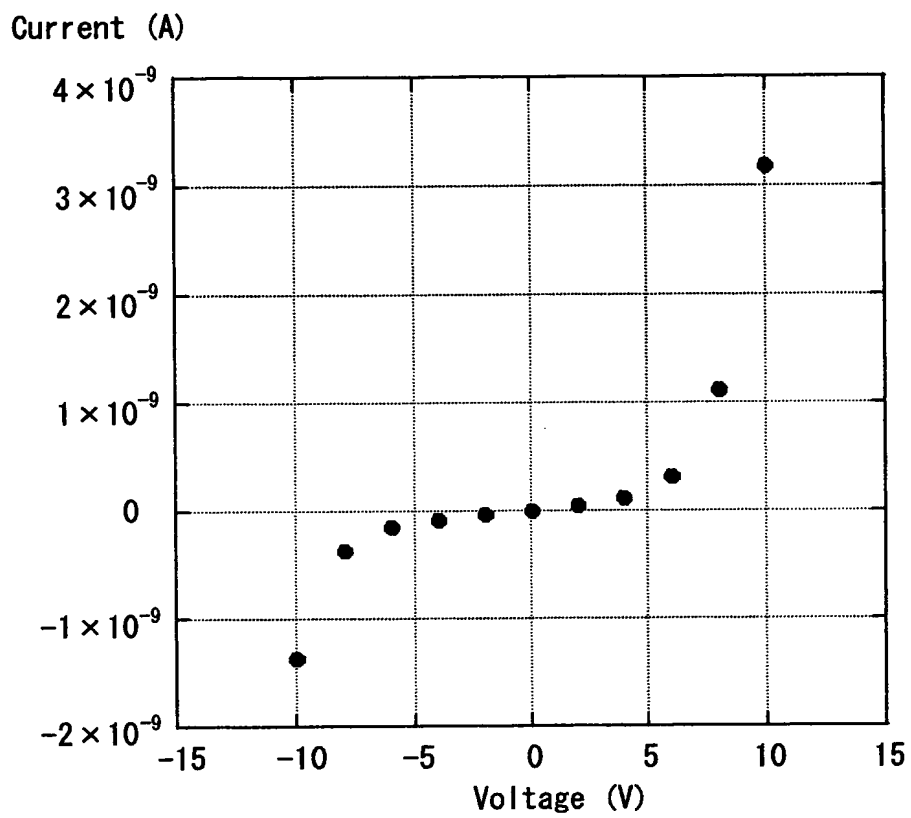


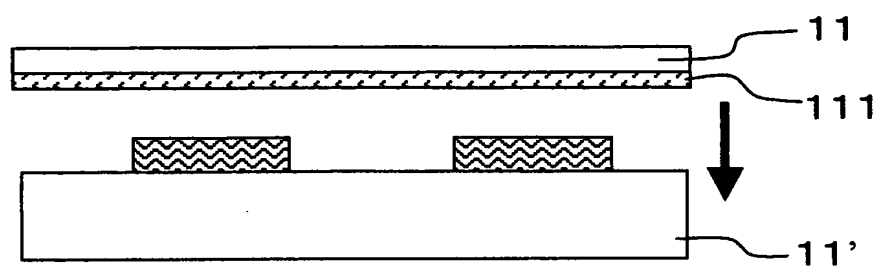
Fig. 9



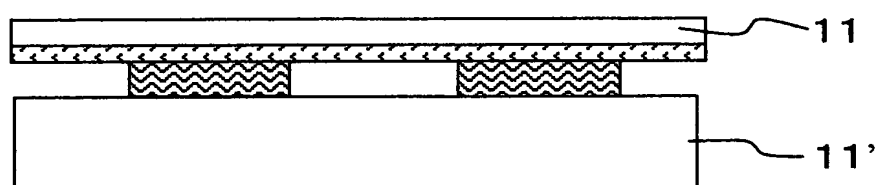
**Fig. 10(a)**



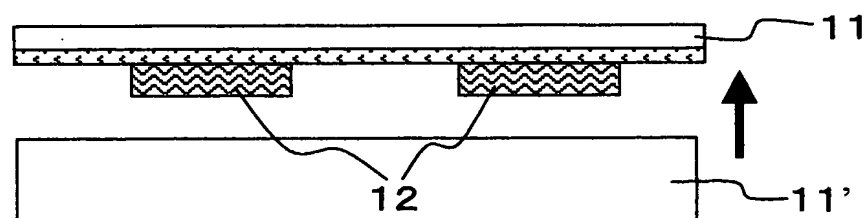
**Fig. 10(b)**



**Fig. 10(c)**



**Fig. 10(d)**



**Fig. 10(e)**

